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From the

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INTERNATIONAL	PRELIMINARY	EXAMINING	AUTHORITY

To:
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PCT

EXXONMOBIL CHEMICAL COMPANY	Y		101
LAW TECHNOLOGY			
PO BOX 2149		WRITTEN OPINION	
BAYTOWN, TX 77522-2149			
			(PCT Rule 66)
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		Date of Mailing	29 OCT 2004
		(day/month/year)	29 06 1 2004
Applicant's or agent's file reference		REPLY DUE	within 2 months/days from
2003B133A			the above date of mailing
	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/LIS02/40240	19 December 2003 (19.	9.12.2003) 20 December 2002 (20.12.2002)	
PCT/US03/40340 International Patent Classification (IPC) or			20 December 2002 (20.12.2002)
		•	
IPC(7): C08F 2/06,4/44,4/64,4/68 and US	S Cl.: 526/90,98,124.3,	125.7,144,185,206,2	26,169.2,166
Applicant	•		
EXXONMOBIL CHEMICAL PATENTS	INC.		
1. This written opinion is the first	(first, etc,) drawn by	this International Pre	liminary Examining Authority.
2. This opinion contains indication	ns relating to the follow	ing items:	
		<i>G</i>	
I Basis of the opinion	1		
TI Deiositu	•		
II Priority			
III Non-establishment o	of opinion with regard to	o novelty, inventive s	step and industrial applicability
IV Lack of unity of inv	vention		
57			
V Reasoned statement under Rule 66.2 (a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			y, inventive step or industrial applicability;
VI Certain documents of			
VII Certain defects in th	ne international applicati	ion	*
VIII Certain observations	VIII Certain observations on the international application		
3. The applicant is hereby invited	to reply to this opinion	n.	
• •			ore the expiration of that time limit, request
	o grant an extension. Se		to the expiration of that time time, request
How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.			
Also For an additional opportunity to submit amendments, see Rule 66.4. For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6			
If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.			
4. The final date by which the international preliminary			
examination report must be established according to Rule 69.2 is: 20 April 2005 (20.04.2005)			
Nome and mailing address of the IDEA/IIS			
Mail Stop PCT, Attn: IPEA/US ACK! NOVVEED GENERAL GROUP			
Commissioner for Patents P.O. Box 1450 G. M. CARROLL Roberto Rábago			
Alexandria, Virginia 22313-1450	HOV	Telephone No. (5	511) 272-1700
Facsimile No. (703) 305-3230 Form PCT/IPEA/408 (cover sheet)(July	NOV (115 7004	NOV 0.4 2004
Form FC1/1FEA/400 (cover sheet)(July	1998) / ☑ FYI	EMOLT	
	☐ Reminder ☐ File	EMCLT BAYTOWN	<u>.</u>



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I.	Basis of the opinion
1.	With regard to the elements of the international application:*
	the international application as originally filed
	the description:
	pages 1-96, as originally filed pages NONE, filed with the demand
	pages NONE, filed with the letter of
	the claims:
	pages 97-111 , as originally filed
	pages NONE , as amended (together with any statement) under Article 19
	pages NONE , filed with the demand pages NONE , filed with the letter of
	pages NONE, filed with the letter of
	the drawings:
	pages 1-3, as originally filed
	pages NONE , filed with the demand
	pages NONE, filed with the letter of
	the sequence listing part of the description:
	pages NONE , as originally filed
	pages NONE , filed with the demand
	pages NONE , filed with the letter of
2	With regard to the language, all the elements marked above were available or furnished to this Authority in the
۷.	language in which the international application was filed, unless otherwise indicated under this item.
	These elements were available or furnished to this Authority in the following language which is:
	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	the language of publication of the international application (under Rule 48.3(b)).
	the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:
	contained in the international application in printed form.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority in written form.
	furnished subsequently to this Authority in computer readable form.
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
	The statement that the information recorded in computer readable form is identical to the written sequence listing
	has been furnished.
4.	The amendments have resulted in the cancellation of:
	the description, pages NONE
	the claims, Nos. NONE
	the drawings, sheets/fig NONE
5.	This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go
J.	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
	Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in s opinion as "originally filed."



WRITTEN OPINION

International application No. PCT/US03/40340

V. Reasoned statement under Rule 66.2(a)(ii) w citations and explanations supporting such st		rd to novelty, inventive step or industrial applicabl	шу;
1. STATEMENT			
Novelty (N)	Claims	22-25,28-32 and 34	_YES
	Claims	1-21,26,27,33 and 35-58	_NO
	CI.		VEC
Inventive Step (IS)		22-25,28-32 and 34 1-21,26,27,33 and 35-58	_YES NO
	Cianiis	1-21,20,27,33 and 33-30	
Industrial Applicability (IA)	Claims	1-58	_YES
	Claims	NONE	_NO
reference discloses olefin polymerization in the presence col. 2, line 37, col. 5, lines 18-19 and Examples I, III, a Claims 1-17, 19-21, 26, 27, 33, and 35-58 lack novelty olefin polymerization in the presence of an HFC diluent 13, lines 1-26). Claims 1-6, 8-10, 14-21, 26, 27, 33, 35-37, 42-46 and 4 reference discloses olefin polymerization in the presence Claims 22-25, 28-32 and 34 the criteria set out in PCT A embodiments of these dependent claims.	52-58 lack of an HF and IV(d)) under PC' and a Lev 88-57 lack of an HF	T Article 33(2) as being anticipated by D2. The reference vis acid compound (see col. 4, line 2 through col. 9, line 59 novelty under PCT Article 33(2) as being anticipated by D	discloses 9, col.
Form PCT/IPEA/408 (Box V) (July 1998)			



Internatio application No. PCT/US03/40340

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Supplemental Box (To be used when the space in any of the preceding boxes is not sufficient)	
TIME LIMIT: The time limit set for response to a Written Opinion may not be extended. 37 CF expiration of the time limit set in the Written Opinion will not be considered in p Report.	FR 1.484(d). Any response received after the reparing the International Preliminary Examination
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